

a monthly publication of the
Tennessee Valley Authority

InsideTVA

Volume 30, Issue 8
September 2010

It Was Too Darn HOT!



HOW TVA EMPLOYEES AND
RESIDENTS ACROSS THE
SERVICE AREA COPED WITH THE
DOG DAYS OF AUGUST.

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supports the Kingston Recovery Project
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MECHANICAL DESIGN ENGINEER
JOHN CRAWFORD'S

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Inside TVA is available on the TVA Web site at www.tva.com/insidetva.



HOT TOPICS

Board adopts renewed vision, 2011 budget, time-of-use rates

At its Aug. 20 meeting, the TVA Board adopted a renewed vision for the agency's future: TVA will be one of the nation's leading providers of low-cost and cleaner energy by 2020. This includes being the nation's leader in improving air quality and increased nuclear production and the Southeast's leader in increased energy efficiency. Actions toward the vision include plans to idle about 1,000 megawatts of TVA's older, unscrubbed coal units.

The board approved the fiscal year 2011 budget of \$9.6 billion for operating expenses and \$2.9 billion for capital projects, including \$248 million for initial engineering design, asset preservation and facilities preparation to preserve the option to build nuclear generation at the Bellefonte site.

The board also approved a change in the wholesale rate structure, to be implemented in April 2011, which includes options for time-of-use rates that more closely reflect the cost of power production and which will encourage energy efficiency and peak-demand reduction.

Court decision overturns earlier public-nuisance decision

The U.S. Fourth Circuit Court of Appeals overturned a decision by a district court in western North Carolina that had ruled four of TVA's coal-fired plants were public nuisances. The appeals court also instructed the lower court in North Carolina to dismiss the case.

The Fourth Circuit decision removes emissions limitations the district court had imposed on TVA's Bull Run, Kingston, John Sevier and Widows Creek plants.

The appeals court noted that TVA has already installed numerous controls on its coal-fired power plants. TVA has significantly reduced its sulfur-dioxide and nitrogen-oxide emissions. In 2009, TVA's sulfur-dioxide emissions were 90 percent lower and nitrogen-oxide emissions were 89 percent lower than during their peak years in the 1970s.

The Fourth Circuit Court found that, unlike TVA, power plants in North Carolina historically had not put sufficient controls on their emissions but instead relied on buying emission allowances from others.

The appeals court also said the North Carolina court decision threatened to "scuttle" the extensive system of anti-pollution mandates that promote clean air in this country. The Fourth Circuit said TVA's power plants operate under permits issued by states under state and federal regulations, including the federal Clean Air Act, and, therefore, could not be a public nuisance.

Study finds no adverse health effects after Kingston ash spill

Oak Ridge Associated Universities officials released the results of a medical screening program for residents affected by the Kingston ash spill. The study found no adverse health effects among residents in the area of the spill who participated in the study. The study evaluated 214 people from 112 households. About half of the participants lived within 2 miles of the spill. From September 2009 until April 2010, subjects were given a variety of tests, including a physical exam, breathing tests and chest X-rays. Blood and urine tests checked for the presence of several components of fly ash.

Some participants showed above-normal levels of copper (8.3%), aluminum (3.0%), chromium (0.5%) and selenium (27%, though changes made in subjects' diet and vitamin supplements showed more normal values for all who were retested). None of those subjects required further medical attention, and no long-term health effects are expected.

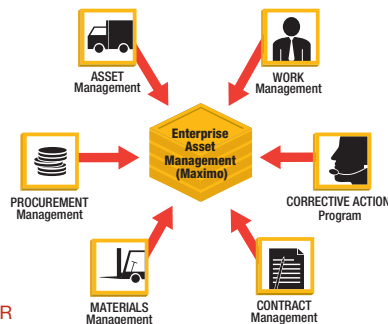
ON THE COVER

COVER PHOTOS – In the background photo, taken by Allison Kwesell, a youngster cools off in Chattanooga's Coolidge Park fountains. In the three smaller photos, taken by Damien K. Power, left to right: Kingston Mechanical Tech James Moseley shows off his ice vest, Nuclear Security Officer Angela Franko sports an ice collar and Kingston Assistant Unit Operator Cameron Lawson does his best to stay hydrated. Story on pages 5, 6 and 7.

Maximo

Aids Kingston Recovery Project

BY JULIE TAYLOR



Left to right: Joe Benedict, Beverley Kelley, Marsha Bacon and Diane Odom helped bring Maximo to the recovery effort.

Joe Benedict remembers the event that triggered a dramatic change in the way accidents are documented at the Kingston Recovery Project site.

“Last January, a track-hoe slid off a wall, rolled over and fell on its side,” Benedict, senior manager of Engineering, Planning & Quality, recalls. “Miraculously, no one was hurt. But we realized we needed to document the lessons learned so the same accident wouldn’t happen again at Kingston — or any other TVA site.”

The Kingston Recovery Project, part of the Fossil Generation, Development & Construction organization, didn’t have a formal process for documenting these types of events. But Rex Neal, who worked

in the organization and investigated the track-hoe accident, shared Benedict’s vision for such a process.

“We couldn’t rely on people remembering or digging through piles of paper to find answers,” says Neal, manager of Methods & Process/Safety. “In order to grow the culture and change behaviors to eliminate risk, we have to be able to look at the past and learn.”

Having worked in both Nuclear and Fossil Generation, Benedict was familiar with the structured process they use to document problem evaluation reports and corrective actions as part of TVA’s Corrective Action Program.

“We began manually documenting exactly what happened, what caused it and what types of corrective actions needed to take place to prevent it from happening again,” says Benedict. “We had everything from sprained ankles to more serious incidents like the track-hoe. The process was cumbersome, but necessary.”

Enter Maximo

Although Maximo provides a fleet-wide corrective action program, the system hadn’t been implemented for the Kingston Recovery Project.

Terry Rutledge, senior manager of Gover-

nance & Processes in the Fossil Generation, Development & Construction group, had been on the Maximo project team and knew the system’s capabilities.

“When I saw the manual process the Kingston Recovery Project was using, I immediately pushed to have Maximo configured to meet the project’s needs and arranged for training,” he says.

Within one week, Kingston’s Beverley Kelley, Diane Odom and Marsha Bacon had converted all of the manual reports into Maximo.

Rutledge says, “Now, Fossil Generation, Development & Construction’s corrective-action process fully aligns with the other groups under the chief operating officer, bringing TVA one step closer to one process, one system, one fleet.” ■

Helping TVA Operate Smarter

Work continues on defects and process improvements associated with Maximo and its related systems. In all, more than 600 of them have been addressed since the Maximo implementation in February.

“In the information-technology industry, fine tuning is common after major installations,” says Debbie Sandidge, senior manager of Enterprise Applications in Information Technology. “It ensures that business requirements are met.”

Warren Behlau, senior manager of Performance Improvement in Operating Support and Fleet Governance, is leading the group focused on Maximo’s long-term management and strategy.

“Through the diligent efforts of many, TVA is starting to see the value of enterprise-wide solutions,” Behlau says.

Visit the Enterprise Asset Management site for more information. A link is available on the InsideNet homepage under the “Programs” heading.



Terry Rutledge knew what Maximo could do.

A Safety Fashion Show

The folks in Environment & Technology don't just talk the talk in their Employee Council's "Conversation on Values" initiative, they put on the rags and walk them down the runway, as they did at the Safety Fashion Show in the Chattanooga Office Complex.

That's Will Wasdin (near right), a paralegal in Realty Services & Land Records, strutting his stuff in welding gear: a mask, elk-skin gloves and a black stallion jacket with cowhide sleeves. And Lilah Patterson (far right), a senior secretary in Realty Services & Land Records, is ready for anything in her boating safety gear: zinc oxide on her nose, hat and sunglasses (for sun protection), an orange life vest and hip waders for fish sampling.

The council hosts these events as a way of focusing on TVA's seven values – safety, integrity & respect, honest communication, accountability, teamwork, continuous improvement and flexibility, highlighting one of the values every other month.

"The purpose is to engage all Environment & Technology employees, from senior management to individual contributors, in conversations about TVA's values, underscore the relevance of the values in their daily work, and encourage them to 'walk the talk,'" says Travis Perry, Performance Management consultant.



Will Wasdin and Lilah Patterson strut their safety stuff.

Every other month begins with a live "kick-off" event in Chattanooga, available via streaming media to all Environment & Technology employees, featuring a conversation with Environment & Technology Senior Vice President Anda Ray on one of the values.

"These conversations help clarify expectations," says Perry, "and they're

especially important for employees new to our group or those in new roles. We believe quality communication is an integral factor in establishing, increasing and building trust and respect."

More information about the Environment & Technology Employee Council and its work is available at http://insidenet.tva.gov/org/et/emp_council/index.htm.

First Aid in the Wild

Thirty Environment & Technology employees completed an intensive two-day, first-aid wilderness training class at Norris Dam State Park.

The purpose was to provide TVA employees who spend much of their time outdoors with the knowledge and skills to deal with an unexpected accident or illness in the field. The training was provided by the Wilderness Medicine Institute of the National Outdoor Leadership School, based in Lander, Wyo.

"Field employees can find themselves an hour or more away from professional help," says Clint Jones, aquatic biologist. "If an accident should occur, it's important for us to know how to determine the best course of action for victims of sickness or accidents."

Class participants learned how to prepare splints for broken limbs, bandage wounds and provide care using only minimal supplies and resources. They also learned to identify the sort of information that emergency responders would need upon arrival.

"This was a great hands-on learning experience that really took us out of our comfort zone," Jones says. "We alternately played the role of injured victims and first-time responders. The responders had to determine what was wrong with the victim and what needed to be done."



From left to right, Adam Dattilo (on the bench), Phil Hart (instructor), Britta Dimick (patient) and Ted Wells (bench) learn to set a broken leg.

It Was Too Darn HOT!

BY BROOKS CLARK

With 90-plus temperatures for more than 50 days this summer, TVA employees and residents in the TVA region found ways to beat the heat.

The average daytime high temperature in July was 93 degrees, three degrees above normal. August averaged four degrees above normal. All across the region, TVA employees worked to keep air conditioners running while coping with hot conditions in the workplace.

TVA Power System alerts were in effect through much of August as elevated river temperatures caused power reductions at several generation plants. With the river temperature around 90 degrees, all three units at Browns Ferry Nuclear Plant operated at about half power from the last week of July through most of August. At different times, power reductions were required at Watts Bar Nuclear Plant and Cumberland Fossil Plant.



Browns Ferry Nuclear Security Officer Angela Franko keeps cool with an ice collar.

In the Power System Operations Center in Chattanooga, the Balancing Authority team monitors power demand and makes sure the correct number of generating units are in use to meet the demand.

Because of derates (power reductions) and other challenges in the middle of the heat wave, Jeff Newsome, general manager of Resource & Balancing Operations, says that Saturday, Aug. 14, was one of the five most challenging days in the 10 years he's been on the job.

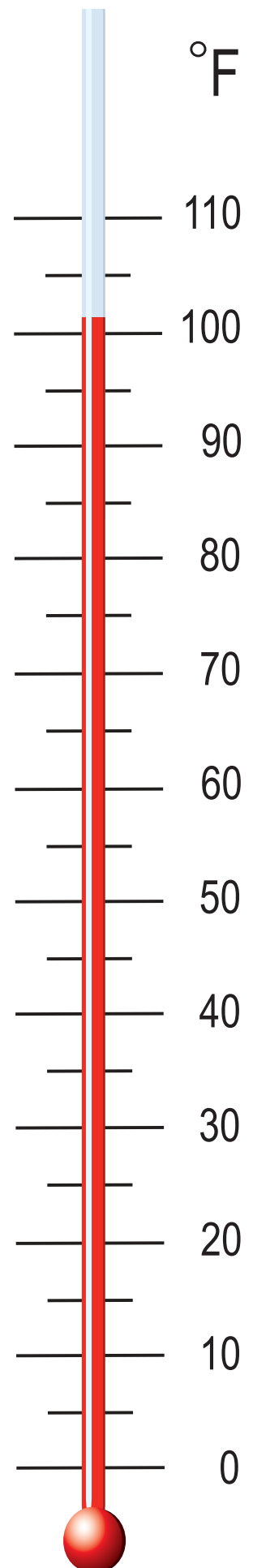
"We kept losing units and ended up with nearly 8,000 megawatts in outages and derates on a 29,177-megawatt peak day," says Newsome. Although that peak was more than 4,000 megawatts less than our all-time system peak [33,482 megawatts set on Aug. 16, 2007], it took a concerted and dedicated effort from our generating and transmission folks working in the blistering heat to keep the lights on that day."

The Gas Fleet Steps Up

On this day and throughout the hot summer, the natural gas-fueled plants stepped up to meet the demand.

"We've had a challenging summer, to say the least," says Steve Hargrove, general manager of TVA's combined-cycle and combustion-turbine peaking fleet. "The six combined-cycle units at Southaven and Caledonia have been operating pretty much as base-load units."

TVA's 87 peaking units, meanwhile, were essential players in the system-wide team effort.

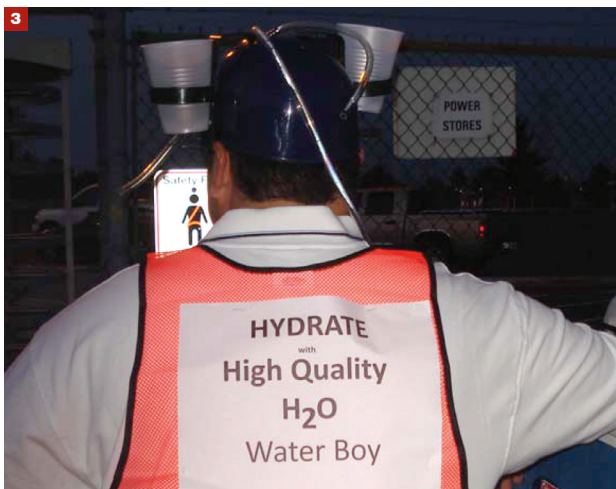




DAMIEN K. POWER



DAMIEN K. POWER



JAMES E. THOMAS

It Was Too Darn Hot (continued)

"We've never run this many peaking units for this period of time, as many as 14 to 16 hours a day," says Hargrove. "In the month of July we started peaking units 625 times. Six hundred and twenty-two of those were successful, for a rate of 99.52-percent reliability. For the year, we have 1,705 starts with a 98.18-percent success rate. There's a lot of work that goes on at the sites to achieve that kind of reliability."

The "Gas Desk," run by Manager of Gas Acquisitions Jim Power, purchases and handles the logistics for delivering the natural gas to TVA's gas fleet as well as to many generators of TVA's purchased power. "Fortunately, gas was available, and at a pretty good price," says Power. "It's been between \$4 and \$5 [per million British thermal units] all summer. We scheduled all those acquisitions with the same-sized crew — currently fuel schedulers Danny Hooper and Damita Porter — that we've had for four or five years. They've been working long hours and on weekends to schedule those purchases."

Purchased Power and Transmission Delivery

Dianne Hensley, general manager of Energy Trading, and her team filled gaps with purchased power. Generally TVA buys up to a half-million megawatt-hours of purchased power a week. During the heat wave that figure went over a million.

"Fortunately, the prices for purchased power were reasonable," says Hensley. "Transmission has been the key this summer. Although the transmission grid experienced significant congestion, our traders did an exceptional job working in the markets to get the best price and ensure reliable deliveries."

Staying Safe in the Heat

Across the system, TVA employees coped with high temperatures. Maintenance crews worked in the early hours. Many used ice vests.

Gallatin Health & Safety committee members at the plant met employees at all entrances one morning with a hydration reminder, including an employee aiming an empty water gun. The message: Just as the water gun is "no good" without water, neither are you! So drink up!



ALLISON KWESSELL

1. James Moseley, a mechanical tech at Kingston Fossil Plant, avoids overheating with an ice vest.

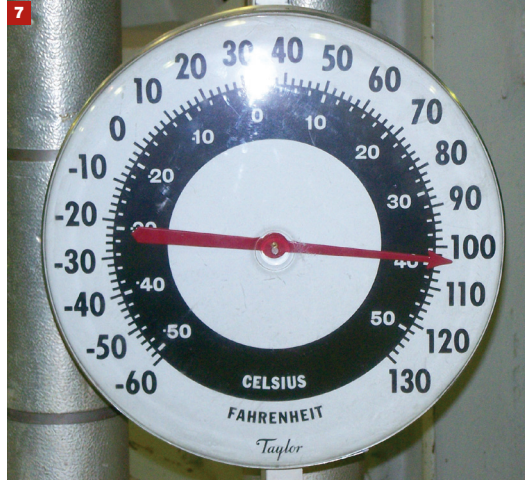
2. TVA biologists Susan Thornton, Lance Hunter and Corey Quinn from Environmental Engineering Services-West check water temperature and dissolved oxygen outside Browns Ferry to see if there are any signs of stressed aquatic organisms. Samples were collected both upstream and downstream that included positive indicators such as mayflies, which are sensitive to warm water, and good levels of dissolved oxygen. 3. Bobby Boucher, the Water Boy (Maintenance Manager Len Holder), get the hydration message out at Allen Fossil Plant. 4. Children cool off in the fountains of Coolidge Park in Chattanooga.



DAMIEN K. POWER



DAMIEN K. POWER



ADAM SCALES



ANGELA SIMPSON



DAMIEN K. POWER



ALLISON KWESELL



ALLISON KWESELL

5. Kingston Assistant Unit Operator Cameron Lawson does his best to stay hydrated. 6. The maintenance crew at Chickamauga — from left, Matthew Hurd, Willis Boles, Becky Parker and Jeff Weaver — get out at 6 a.m. to beat the heat. 7. Inside Watts Bar Nuclear Unit 1, the temperature is up. 8. Senior Secretary Angela Simpson saw this frog on her window at Allen Fossil Plant. “Maybe the heat was getting to be too much for the frog and it was going to get inside by any means,” said Simpson. 9. In the Power System Operations Center in Chattanooga, the Balancing Authority team makes sure the system can keep up with the demand. 10. Children flocked to the Passage and its water steps, part of the Trail of Tears memorial in downtown Chattanooga. 11. Boaters were refreshed in the area below Chickamauga Dam.



my job rocks

BY JULIE TAYLOR

TVA employees are on the job 24/7, keeping the lights on, running the river system, managing TVA lands and supporting TVA's operations. In this column, you'll hear from TVA employees who can say, "My job rocks!"

JOHN CRAWFORD | MECHANICAL DESIGN ENGINEER, SEQUOYAH NUCLEAR PLANT

For John Crawford, it's all about the numbers. His job as a mechanical design engineer at Sequoyah Nuclear Plant is a perfect fit because he relies on his strong math skills every day.

"I like numbers, especially since they break down into something concrete," Crawford says. "I also like learning, and there is always something new to learn in my job."

Crawford is part of a team that reviews requests for changes to the plant's mechanical configuration. The team is proactive as well, looking to the industry for alternatives for obsolete equipment and to identify faulty equipment that could affect TVA's operations.

Crawford, who grew up in Montgomery, Ala., was recruited after completing a bachelor's degree in mechanical engineering and again when he earned masters' degrees in mechanical engineering and marketing from the University of Alabama two years ago. He was attracted to TVA because of the culture and opportunities.

Before joining TVA, Crawford worked as a summer intern at Ford Motor Co., where he enjoyed implementing new ideas. As a TVA mechanical design engineer, he enjoys analyzing the new ideas that are submitted through the plant's design-change process. These ideas are aimed at improving upon the plant's design and increasing efficiency.

"It can be a challenge to keep up with the flow, especially when there is something urgent," Crawford says. "The most difficult part is being a relatively new employee,

but that is also the most exciting part."

The busiest times are during outages when Crawford and his colleagues work closely with other groups within the plant or on developing projects.

He chose engineering and marketing because they offer what he sees as the best of both worlds.

"With these degrees, I can focus on the technical side of a project and understand the business side so I can recognize the target audience and know how to present the project."

Crawford will use those skills as the new knowledge-transfer director for Sequoyah's chapter of the North American Young Generation in Nuclear organization.

"I'm working with training to develop lunch-and-learn events and training sessions that will help long-time and new employees share information with one another. These activities will be open to engineers, craft employees, operational employees and anyone else involved in nuclear power generation at Sequoyah."

Giving back to the community

Crawford puts his strong math skills to work in his personal life too, tutoring at his church's Graduate Equivalency Diploma program.

"It is rewarding to see people grasp math skills and go off to school or get better jobs," Crawford says. "That moment when you see the bulb light up is the best part."

In the summer, Crawford volunteers for the Chattanooga Jets Track Club. A sprinter in middle and high school, he mentors runners age 5 through 18.

"The program teaches kids more than just running," Crawford says. "They learn the basics to keep them on track in their lives."

Crawford is involved in the Urban League Young Professional Social & Cultural Committee. Earlier this year, the committee recommended him for an article in *CityScope*, a Chattanooga magazine, which spotlighted 30 young professionals under the age of 30. ■



John Crawford enjoys his job as a mechanical design engineer because he never stops learning.

Change the Light Bulb

BY DAMIEN K. POWER



Buster Smith (left) and Bob Mitchell are helping schools and businesses save money on their energy bills.

DAMIEN K. POWER

At 6 a.m., the distinctive pop of gymnasium lights precedes the hum of the large metal halide lamps as they begin their long march to illumination. Circles of light slowly appear on the wood below, and the heat slowly descends from the open ceiling. The gym's first visitor will arrive around 10 a.m., four hours after the electricity meter started spinning. Throughout the day, these inefficient lights will glare until the custodian shuts them off that evening.

This story is common to almost every school and college gymnasium, but two men are determined to change everything. Bob Mitchell and William "Buster" Smith sit outside the gymnasium at the Northwest-Shoals Community College in Muscle Shoals, Ala. Inside, the ladies' volleyball team practices under expensive and inefficient lamps that the Alabama Retirees Technical Advisory Group, which Mitchell and Smith belong to, aims to replace.

Fluorescents Save Money

"Lighting technology has come a long way," explains Smith. "But architects are still building gyms to use these old fixtures, and that's costing school systems millions of dollars. If we replaced these bulbs with more efficient fluorescent bulbs using motion sensors, each school would save thousands of dollars a year."

The Alabama Retirees Technical Advisory Group is a 3-year-old nonprofit organization sponsored by Northwest Shoals Community College, which furnishes offices, a conference room and electronic equipment. It provides

a variety of tactics to improve energy efficiency. "The fluorescents are brighter, provide a more diffuse light and come on instantly, so you need fewer lamps to light the same space," says Mitchell. "Motion detectors alone would offer a 90-percent savings!"

This team works with small businesses, schools and nonprofit organizations across 13 counties in northern Alabama and is staffed exclusively with retired engineers, scientists and other professionals. Seven of the 12 members are TVA retirees, but as Smith explains, "We need three or four more retired TVA engineers from northeast Alabama. We've got projects in the eastern side of the state that could use their expertise."

More Potential Savings

The advisory group has discovered that schools in particular suffer from inefficiencies that cost millions of dollars, including water heaters and vending machines that operate during weekends and vacation periods, outdated or inefficient lighting, attics with little or no insulation, and single-pane windows.

Members of the group conduct energy audits free of charge, thanks to full funding by the Appalachian Regional Commission. By determining energy usage per year per square foot, the audits can provide a comparison to other schools and businesses, and help to identify the areas most in need.

To learn more about the Alabama Retirees Technical Advisory Group, contact Buster Smith at 265-386-2452 or wesmith@tva.gov. ■

new retirees

41 Years

Earl L. Parris, Jr., River Operations, Knoxville

34 Years

Sonja M. Broyles, Office of General Counsel, Knoxville

32 Years

Benny W. Thompson, Fossil Power Group, Gallatin

31 Years

Glenda J. Durham, Power System Operations, Chattanooga

Richard S. Harris, Fossil Generation, Development & Construction, Chattanooga

30 Years

Steven L. Akers, Environment & Technology, Lenoir City

Terry J. Green, Fossil Power Group, West Paducah

For a list of other recent retirees, see the online *Inside TVA*.

7 ways to make your health count

Making informed healthcare choices can be both physically and fiscally rewarding. A handful of TVA employees and a retiree volunteered these helpful tips:

BY KELLY LAWSON



Ask questions.

"I asked my doctor why I was charged a higher rate for his giving me an injection versus the nurse. Not only was the charge removed from my bill, but I was not charged for that office visit."

— Vivian Gillespie, manager, Supply Chain Contracts



Get your annual employee HealthCheck to identify health risks.

"After the results of my last HealthCheck, I have been under the care of a specialist for hypertension. I work with a nutritionist and have a strength and cardio exercise regimen. I think HealthCheck may have saved my life or at least

saved me from a stroke or heart attack. All employees should take advantage of this free program."

— Mark A. Clark, project manager, TVA Program Implementation



Look for discounts.

"Some hospitals in the Knoxville area have been known to give a 10-percent discount on paying your statement balance in full. I suggest calling the accounting office listed on your statement and asking them how much of a discount they will allow if you pay the balance in full. Price shopping by phone at local pharmacies on

prescriptions not covered by insurance can yield a significant savings. Don't take it for granted that your pharmacy is the cheapest. A little time on the phone is time well spent."

— Reba Whitson, TVA retiree and executive assistant with TVA Retirees Association



Choose medical options wisely.

"When deciding which medical-plan option is best for me and my family, there are several things I consider in addition to premiums and out-of-pocket costs. For instance, being able to use a Health Savings Account along with a high-deductible health plan provides me with more control. There is no "use it or lose it" philosophy.

If I don't use my Health Savings Account, I can save it for when I may need it later – even to fund healthcare after I retire. The biggest advantage of the Health Savings Account is the tax savings."

— Rob Manning, executive vice president, Power System Operations



Take advantage of tax savings.

"The Health Savings Account is the only savings vehicle that has a tax benefit on the front end as well as the back end. You are able to choose when you use your money, and you're not taxed when you use it for qualified healthcare expenses. Plus, any earnings on the account are tax free."

— Colby Carter, attorney, Office of the General Counsel

Note: the Health Savings Account is available to participants of the Consumer-Directed Health Plan. It is not a healthcare flexible spending account.



Check your Explanation of Benefits (EOB) form.

Folks need to check their Explanation of Benefits form against what and when services were done and make sure the money was spent for services actually received. It's not always right. They once charged us for a whole vial of an antibiotic at the emergency room when, in fact, only half a syringe

was administered. It could also be someone else's charges that were misfiled under the wrong member ID."

— Jamie Watford, systems engineer, Shawnee Fossil Plant



Be wise — request an itemized bill.

"When I was hospitalized for pneumonia, the itemized bill showed I had been charged for electrocardiograms, but none had actually been performed. When I informed the hospital of the error, the charges were removed from the bill. The hospital said it was a "routine" charge because I had been on the heart floor due to overcrowding, etc."

— Karen Ryland, program manager, Nuclear Business Operations

Your Health
Count\$

To learn more, go to
Inside TVA online.

people, plaudits, and promotions



TVA Supports Our Troops

From left to right, Brig. Gen. Robert Harris; TVA Executive Vice President of People & Performance Janet Herrin, Chief Operating Officer Bill McCollum and retired Col. Bruce Jones, executive director of the Tennessee Committee for Employer Support of the Guard & Reserves pose at the annual Labor Management Conference in Nashville, where Jones presented TVA and its employees with the Pro Patria Award in recognition of TVA's outstanding support of employees serving in the reserves and the military. ("Pro patria" is Latin for "for one's country.") TVA has about 125 employees serving in the National Guard and Reserves. About 18 percent of TVA employees are veterans.



The Chickamauga-Hiwassee Watershed Team shared a 2010 Tennessee Governor's Environmental Stewardship Award for Aquatic Resource Preservation for creating a "green" parking lot in Athens, Tenn., to minimize storm-water runoff. Partners in the project, shown left to right, included (back row) Executive Director of the Athens-McMinn YMCA Lee Montgomery, Athens City Manager Mitchell Moore, Commissioner James Fyke, Athens Director of Public Works Shawn Lindsey, Deputy Commissioner Paul Sloan, and (front row) Jonah McEwan of Boy Scout Troop 617 and TVA Senior Watershed Representative Linda Harris.



The Watts Bar-Clinch Watershed Team shared a 2010 Tennessee Governor's Excellence in Environmental Education & Outreach award for the 'Rainy Day Brush-Off' artistic rain-barrel competition, which features works of art on 55-gallon rain barrels. The goal is to raise awareness about water conservation and water pollution. Partners in the project, shown from left to right include (back row) Tennessee Department of Environment & Conservation (TDEC) Commissioner Jim Fyke, Knox County Commissioner Ivan Harmon, John Shubzd of Knoxville Stormwater, Jason Scott of Farragut Stormwater, TDEC Deputy Commissioner Paul Sloan, (front row) Ruth Anne Hanahan of the Tennessee Water Resources Research Center, Melinda Watson of TVA and Parc Gibson of Knoxville Stormwater.



APRIL KITCHIN

NEW EMPLOYEE

KEMBA MAYS | Systems Engineer, Fossil Generation

Kemba Mays felt as though she was part of the Cumberland Fossil Plant team as soon as she started in July.

"Cumberland is a critical unit, so teamwork is highly emphasized," says Mays. "I immediately felt welcome."

Mays grew up in Birmingham, Ala., and later studied at Tuskegee University, where she earned a mechanical engineering degree.

A project engineer for 10 years, Mays came to TVA from Alabama Power, where she worked

for four years. During that time, she stayed in touch with friends at TVA.

As a systems engineer in the Fossil Generation organization, Mays oversees the plant's capital projects and operating-and-maintenance projects.

"I love my job because there is always a different set of challenges," says Mays.

"One of these challenges is being proactive instead of reactive, seeing issues before they become problems and addressing them."

For a list of employees hired in July, see the online edition of *Inside TVA*.

InsideTVA

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Knoxville, TN 37902

PRESORTED STANDARD
U.S. POSTAGE PAID
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AUTHORITY

Save the date!

Your **Health**
Counts

The benefits enrollment
period for 2011 is
Oct. 21-Nov. 19, 2010,
for TVA employees and
non-Medicare retirees.

See the October issue of
Inside TVA for more details.



New Employees

James Alan Alberda, Cumberland City, Fossil Power Group
Thomas S. Albright, Decatur, Nuclear Power Generation
Stacey M. Allsteadt, Decatur, Nuclear Power Generation
Samantha Carlton Baird, Chattanooga, Power System Operations
Christopher Edward Baldwin, Clinton, Fossil Power Group
Matthew Lee Bass, Gallatin, Fossil Power Group
Jon Steven Bauer, Knoxville, Financial Services
Ronald N. Baumer, Soddy-Daisy, Nuclear Power Generation
Gwendolyn P. Bertram, Soddy-Daisy, Nuclear Power Generation
Kelsey Thompson Bickley, Chattanooga, Financial Services
Jacob Booth, Chattanooga, Fossil Generation, Development & Construction
Linda D. Borders, Chattanooga, Power System Operations
Jeffrey W. Boyer, Decatur, Nuclear Power Generation
Clayton C. Branom, Decatur, Nuclear Power Generation
Matthew K. Brown, Johnson City, Strategy & External Relations
Dean Philip Buckmire, Chattanooga, Power System Operations
Lisa Marie Burgess, Spring City, Financial Services
Alicia Nmn Burgett, Knoxville, Chief Executive Office
William Charles Byrne, Decatur, Nuclear Power Generation
Robert Camenisch, Soddy-Daisy, Nuclear Power Generation
Anthony Lynn Cameron, Chattanooga, Operating Support and Fleet Governance
Erica Campbell, Chattanooga, People & Performance
Kendall Shane Chappellear, Muscle Shoals, Fossil Power Group
Timothy L. Choate, Spring City, Nuclear Power Generation
Terrance M. Christensen, Decatur, Nuclear Power Generation
Malinda Clark, Soddy-Daisy, Nuclear Power Generation
William R. Collins, Decatur, Nuclear Power Generation
Joshua Trey Combs, Chattanooga, Power System Operations
Bradley Joseph Connor, Knoxville, Financial Services
Christopher Davis Cotter, Chattanooga, Operating Support and Fleet Governance
Brian D. Cupp, Chattanooga, Nuclear Generation Development & Construction
Amy Cypret, Nashville, Operating Support and Fleet Governance
Mark Alan Davis, Chattanooga, Power System Operations
Joseph Kevin Deems, Chattanooga, Power System Operations
Jeffrey S. Dills, Decatur, Nuclear Power Generation
Cynthia S. Dudley, Chattanooga, Chief Executive Office
John K. Edgeman, Spring City, Nuclear Power Generation
Melissa Maurine Ellis, Spring City, Nuclear Power Generation
Stephen Deard Ellis, Chattanooga, Power System Operations
Angela Carol Farmer, Knoxville, Chief Executive Office
Daniel Edward Fisher, Stevenson, Fossil Power Group

John Francis Fitzgerald, Chattanooga, Strategy & External Relations
Karen Alicia Gandy, Chattanooga, Chief Executive Office
Cassidy Lee Garcia, Knoxville, Financial Services
Brittany Gail Gardner, Knoxville, People & Performance
Robert D. Geier, Chattanooga, Nuclear Power Generation
Richard Lynn Gray, Spring City, Nuclear Power Generation
Carolyn Greer, Nashville, Financial Services
Thomas John Hammontree, Knoxville, Financial Services
Michael Evans Harden, Starkville, Power System Operations
Eric L. Hardy, Decatur, Nuclear Power Generation
Raymon Shane Harris, Tusculmbia, Fossil Generation, Development & Construction
Miranda Henderson, Chattanooga, Chief Executive Office
Autumn F. Higgins, Soddy-Daisy, Nuclear Power Generation
Andrew K. Hill, Chattanooga, Operating Support and Fleet Governance
Jason F. Hill, Chattanooga, Fossil Generation, Development & Construction
Timmy Lowell Hines, Soddy-Daisy, Operating Support and Fleet Governance
Mitchell Jacob Horton, New Johnsonville, Fossil Generation, Development & Construction
Larry Charles Houston, Chattanooga, Power System Operations
Justin Tyler Huber, Chattanooga, Nuclear Power Generation
Terry Lamar Hulsey, Chattanooga, Fossil Power Group
Michael Hulslander, Chattanooga, Fossil Generation, Development & Construction
Barry D. Jackson, Stevenson, Fossil Power Group
Donald George Johnson, Chattanooga, Fossil Power Group
Jeffrey Eric Johnson, Cumberland City, Fossil Power Group
Darrell Jones, Chattanooga, Power System Operations
Gerald Lynn Jones, Stevenson, Fossil Power Group
Greg Jones, Drakesboro, Fossil Generation, Development & Construction
Sudha Kashyap, Chattanooga, Financial Services
Eric Kelly, Soddy-Daisy, Nuclear Power Generation
James Randell Kennedy, Knoxville, People & Performance
Todd Gregory Kirk, Soddy-Daisy (Sequoyah Training Center), Operating Support and Fleet Governance
Robert F. Knox, Stevenson, Fossil Power Group
Christian Eric Kuenzli, Chattanooga, Fossil Power Group
Matthew D. W. Lamb, Tusculmbia, Fossil Power Group
Timothy Brent Land, Chattanooga, Financial Services
Mark Francis Landry, Chattanooga, Power System Operations
Blake Matthew Lee, Chattanooga, Power System Operations
Brandon W. Lemarr, Clinton, Fossil Power Group
Derrick Lipscomb, Decatur, Nuclear Power Generation

Lionel Wesley Taurean Locke, Chattanooga, Nuclear Generation Development & Construction

Mary L. Lofty, Soddy-Daisy, Nuclear Power Generation

James Andrew Long, Knoxville, Financial Services

Sherry Jean Lucas, Cumberland City, Fossil Power Group

Shawn M. Lynaugh, Spring City, Nuclear Power Generation

Brian Joseph Maguire, Stevenson, Fossil Power Group

Thomas Wayne Malone, Columbia, Power System Operations

Thomas C. Matthews, Chattanooga, Nuclear Power Generation

Samantha Evette McClain, Chattanooga, Chief Executive Office

Delilah Ruth Meade, Knoxville, Financial Services

Robert Meyer, Chattanooga, Power System Operations

Bruce W. Morrison, Cumberland City, Fossil Power Group

James Howard Mungle, Gallatin, Fossil Power Group

David D. Neff, Soddy-Daisy, Nuclear Power Generation

Jerry Tyrell Olson, Chattanooga, Power System Operations

Billy K. Parrish, Muscle Shoals, Fossil Power Group

Trent Mithcell Pendel, Chattanooga, Power System Operations

Jeffrey Pollard, Chattanooga, Operating Support and Fleet Governance

Jessica L. Pond, Chattanooga, Fossil Power Group

Donald Lee Putnam, Chattanooga, Power System Operations

Andrew Nicholas Reagan, Chattanooga, Power System Operations

Kenneth Jeremy Reding, Decatur, Nuclear Power Generation

Bronson L. Reed, Chattanooga, Fossil Generation, Development & Construction

Ethan Dejuan Reed, Chattanooga, Power System Operations

Karon Leah Ribbons, Hartsville, Operating Support and Fleet Governance

Scott Keith Ricketts, Chattanooga, Power System Operations

Joseph Robert Ries, Chattanooga, Power System Operations

Brian J. Rinne, Decatur, Nuclear Power Generation

Christine A. Seifert, Chattanooga, Nuclear Power Generation

Joshua L. Sharer, Muscle Shoals, Fossil Power Group

Joseph W. Shea, Chattanooga, Nuclear Power Generation

Joseph A. Simmonds, Spring City, Nuclear Power Generation

Jeffrey Edward Slavik, Knoxville, Financial Services

William Cody Smith, Chattanooga, Power System Operations

Ricky M. Sparks, Tusculmbia, Fossil Power Group

Natalie Susan Spears, Pickwick Dam, River Operations

Jason W. Taylor, Gallatin, Fossil Power Group

Scott Thomas, Nashville, Fossil Generation, Development & Construction

Zachary Eugene Tilley, Chattanooga, Financial Services

Frank B. Tomb, Watts Bar Dam, Fossil Power Group

Matthew Paul Townsend, Chattanooga, Power System Operations

Michael Turner, Decatur, Nuclear Power Generation

Todd Anthony Turpin, Harriman, Power System Operations

Chad Alexander Tyler, Chattanooga, Operating Support and Fleet Governance

Elizabeth Anne Underwood, Knoxville, Financial Services

Joseph Ross Vincent, Chattanooga, Fossil Power Group

Frank R. Waggoner, Soddy-Daisy, Nuclear Power Generation

Nicole D. Walker, Chattanooga, Fossil Generation, Development & Construction

John R. Watkins, Spring City, Nuclear Power Generation

Keith A. Watson, Chattanooga, River Operations

Charles Lancaster Weaver, Soddy-Daisy, Nuclear Generation Development & Construction

Gerald Gordon Williams, Decatur, Nuclear Power Generation

James Howard Wilson, Chattanooga, Power System Operations

Nathan Daniel Wilson, Chattanooga, Fossil Power Group

Timothy M. Wood, Soddy-Daisy, Nuclear Power Generation

Charles Edward Wyatt, Chattanooga, Power System Operations

Retirees

41 Years

Earl L. Parris, Jr., River Operations, Knoxville

34 Years

Sonja M. Broyles, Office of General Counsel, Knoxville

32 Years

Benny W. Thompson, Fossil Power Group, Gallatin

31 Years

Glenda J. Durham, Power System Operations, Chattanooga

Richard S. Harris, Fossil Generation, Development & Construction, Chattanooga

30 Years

Steven L. Akers, Environment & Technology, Lenoir City

Terry J. Green, Fossil Power Group, West Paducah

James O. Suber, Nuclear Power Group, Chattanooga

Ronald E. Walker, Nuclear Power Group, Soddy-Daisy

28 Years

Dorothy J. Howell, Fossil Power Group, Muscle Shoals

27 Years

Donna M. Lay, Office of General Counsel, Knoxville

26 Years

Danny J. Harris, Nuclear Power Group, Soddy-Daisy

Charles D. Higgins, Nuclear Power Group, Soddy-Daisy

Linda B. Shipp, Environment & Technology, Knoxville

25 Years

Robin L. Lanier, Nuclear Power Group, Decatur
Henry B. Neal Jr, Nuclear Power Group, Decatur

24 Years

Harold E. Baggett, Fossil Power Group, Cumberland City

Fred D. Ball, Fossil Power Group, Rogersville

Jimmy R. Spires, Nuclear Power Group, Decatur

23 Years

Phillip L. Reynolds, People & Performance, Chattanooga

22 Years

Larry M. Davis, Fossil Power Group, Kingston

Oscar C. Gann, Nuclear Power Group, Spring City

Gerry D. Hoosier, Fossil Power Group, Stevenson

James E. Jernigan, River Operations, Chattanooga

19 Years

Richard E. Byrd, Fossil Power Group, Cumberland City

Norman D. Divine, Chief Finance Office, Drakesboro

Evan L. Wormsley, Power System Operations, Chattanooga

18 Years

Charley Coleman, Fossil Power Group, Memphis

Tommie Joel Curde, Power System Operations, Rogersville

Barry K. Hanback, Fossil Power Group, Muscle Shoals

Adam E. Pickett, Fossil Power Group, Jasper

17 Years

Melisa C. Bareis, Information Services, Muscle Shoals

Jack A. Best Jr., Power System Operations, Estill Spgs

Michael A. Hoy, Nuclear Power Group, Spring City

Kenneth N. Mintz,, Power System Operations, Chattanooga

Julie B. Welker, Fossil Power Group, Cumberland City

16 years

Billy E. Harris, Nuclear Power Group, Soddy-Daisy

James William Kingrey II, Fossil Power Group, Brownsville

14 Years

Paul R. LaPointe, Environment & Technology, Knoxville

13 Years

Wendell R. Blair, Fossil Power Group, Kingston

12 Years

Michael J. Martin, Nuclear Power Group, Decatur

Toby J. Swanson, Information Services, Knoxville

11 Years

James M. Dotson, Fossil Power Group, Drakesboro

Gary R. Zia, Fossil Power Group, Chattanooga

10 Years

Dale E. Hill, Nuclear Power Group, Decatur

William R. Parchman, Fossil Power Group, Cumberland City

Roberta Frances Rivera, Nuclear Power Group, Soddy-Daisy

9 Years

Patricia A. Sharp, Power System Operations, Chattanooga

Dana Diane Stone, Power System Operations, Chattanooga

8 Years

Chrisman A. Dager, River Operations, Knoxville

Anthony Chad Deakins, Nuclear Power Group, Soddy-Daisy

Jeremy D. Draper, Fossil Power Group, West Paducah

John A. Feuer, Fossil Power Group, Chattanooga

7 years

Carl J. Brewster, River Operations, Chattanooga

Wayne J. Messina, Power System Operations, Chattanooga

5 Years

James Ritchie Carroll, Power System Operations, Chattanooga

Robert Melvin Tanis, Environment & Technology, Chattanooga

William M. White, Nuclear Power Group, Soddy-Daisy